

California Weather-Hydro Conditions during October 2012

As of October 31, statewide hydrologic conditions were as follows: precipitation, 85 percent of average to date; runoff, 60 percent of average to date; and reservoir storage, 95 percent of average for the date. Sacramento River Region unimpaired runoff observed through October 31, 2012 was about 0.4 million acre-feet (MAF), which is about 72 percent of average. For comparison, on October 31, 2011, the observed Sacramento River Region unimpaired runoff through that date was about 0.5 MAF, or about 107 percent of average.

On October 31, the Northern Sierra 8-Station Precipitation Index Water Year total was 2.9 inches, which is about 97 percent of the seasonal average to date and 6 percent of an average water year (50.0 inches). During October, the total precipitation for the 8-Stations was 2.9 inches, which is also about 97 percent of the monthly average. Last year on October 31, the seasonal total for the 8-Stations was 3.9 inches, or about 130 percent of average for the date.

On October 31, the San Joaquin 5-Station Precipitation Index Water Year total was 1.3 inches, which is about 65 percent of the seasonal average to date and 3 percent of an average water year (40.8 inches). During October, the total precipitation for the 5-Stations was 1.3, which is also about 65 percent of the monthly average. Last year on October 31, the seasonal total for the 5-Stations to date was 2.5 inches, or about 125 percent of average for the date.

Selected Cities Precipitation Accumulation as of 10/31/2012 (National Weather Service Water Year: July through June)					
City	Jul 1 to Date 2012 - 2012 (in inches)	% Avg	Jul 1 to Date 2011 - 2011 (in inches)	% Avg	% Avg "Water Year" Jul 1 to Jun 30 2012- 2013
Eureka	3.42	103	4.79	144	8
Redding	2.31	77	3.33	111	7
Sacramento	1.02	79	1.34	104	6
San Francisco	1.33	96	1.49	107	6
Fresno	0.25	30	0.90	110	2
Bakersfield	0.04	10	0.55	131	1
Los Angeles	0.15	18	0.64	75	1
San Diego	0.70	91	0.59	77	7

Key Reservoir Storage (1,000 AF) as of 10/31/2012								
Reservoir	River	Storage	Avg Storage	% Average	Capacity	% Capacity	Flood Control Encroachment	Total Space Available
Trinity Lake	Trinity	1,734	1,614	107	2,448	71	---	714
Shasta Lake	Sacramento	2,466	2,755	90	4,552	54	-1,425	2,086
Lake Oroville	Feather	1,826	2,164	84	3,538	52	-1,337	1,712
New Bullards Bar Res	Yuba	588	533	110	966	61	-208	378
Folsom Lake	American	396	496	80	977	41	-328	581
New Melones Res	Stanislaus	1,477	1,302	113	2,420	61	-493	943
Don Pedro Res	Tuolumne	1,184	1,297	91	2,030	58	-506	846
Lake McClure	Merced	385	451	85	1,025	38	-290	640
Millerton Lake	San Joaquin	280	189	148	520	54	-156	240
Pine Flat Res	Kings	202	350	58	1,000	20	-664	798
Isabella	Kern	85	159	54	568	15	-85	483
San Luis Res	(Offstream)	674	1,105	61	2,039	33	---	1,365

The latest National Weather Service Climate Prediction Center (CPC) long-range, 1-month precipitation outlook for November 2012, issued October 31, 2012, suggests below average rainfall for all of California.